

**MARICOPA COUNTY FLOOD CONTROL DISTRICT BOARD OF DIRECTORS MINUTE BOOK**

**FORMAL SESSION  
July 6, 2005**

The Board of Directors of the Flood Control District of Maricopa County, Arizona, convened in Formal Session at 9:00 a.m., July 6, 2005, in the Board of Supervisors' Auditorium, 205 W. Jefferson, Phoenix, Arizona, with the following members present: Don Stapley, Vice Chairman, District 2, Fulton Brock, District 1; Andrew Kunasek, District 3, and Mary Rose Wilcox, District 5. Absent: Max W. Wilson, Chairman, District 4. Also present: Fran McCarroll, Clerk of the Board; Juanita Garza, Minutes Coordinator; Sandi Wilson, Deputy County Manager; and Paul Golab, Deputy County Attorney. Votes of the Members will be recorded as follows: aye-nay-absent-abstain

**~ Director Stapley was acting chairman for this meeting ~**

**MINUTES**

Motion was made by Director Brock, seconded by Director Wilcox, and unanimously carried (4-0-1) to approve minutes of meeting held May 16, 2005, May 18, 2005, and June 6, 2005.

**PERSONNEL AGENDA**

Motion was made by Director Brock, seconded by Director Wilcox, and unanimously carried (4-0-1) to approve Flood Control District Personnel Agenda (Exhibit C). Exhibit C will be found at the end of this set of minutes.

**EASEMENTS AND RIGHT-OF-WAY**

Motion was made by Director Brock, seconded by Director Wilcox, and unanimously carried (4-0-1) to approve easements and right-of-way acquisition documents, appraisal and relocation assistance services contracts under \$5,000 per Resolution FCD 87-12; Escrow Instructions per Resolution FCD 87-13; Payment of Tax Notices per Resolution FCD 97-07; License Procedures and Fee Schedules per Resolution FCD2002R002; and disposal of easements, excess real property and fixtures under \$250,000 documents per FCD 1999R016 for Flood Control purposes. (ADM1910)

**Property Management – Colter Channel (Per Resolution FCD 1999R016)**

Item CC-5, Non Exclusive Drainage Easement from the Flood Control District of Maricopa County to Colter Commons Homeowners Association for the sum of \$2,200.00.

**DEPOSIT AND INVESTMENT RISK DISCLOSURES POLICY - FLOOD CONTROL DISTRICT**

Motion was made by Director Brock, seconded by Director Wilcox, and unanimously carried (4-0-1) to adopt a new policy, A2509 Deposit and Investment Risk Disclosures Policy, to comply with Governmental Accounting Standards Board Statement No. 40, Deposit and Investment Risk Disclosures. (C1806004000) (ADM1918) (Policy on file in the Clerk of the Board's office)

**IGA WITH CITIES FOR CONTRIBUTION AND DRAINAGE RIGHTS FOR THE I-10 BASINS**

Motion was made by Director Brock, seconded by Director Wilcox, and unanimously carried (4-0-1) to approve Intergovernmental Agreement (IGA) FCD 2003A011, among the Flood Control District of Maricopa County, the City of Avondale, the City of Goodyear and the City of Litchfield Park, for the

contribution and drainage rights for the I-10 basins located west of the Agua Fria River. This IGA identifies roles and responsibilities for contribution, drainage rights, and easements. (C6905097200)

**RESOLUTION FOR AGUA FRIA WATERCOURSE MASTER PLAN AND CHANNELIZATION ALTERNATIVE**

Motion was made by Director Brock, seconded by Director Wilcox, and unanimously carried (4-0-1) to adopt Resolution FCD 2005R001, Agua Fria Watercourse Master Plan (WCMP) and Channelization Alternative. The resolution authorizes and directs the Chief Engineer and General Manager of the Flood Control District to continue to coordinate with property owners and mining interests to implement the channelization alternative plan within discrete, contiguous, and continuous reaches of the Agua Fria River and to negotiate and enter into cooperative agreements for the implementation of portions of the channelization alternative and to provide assistance and support to jurisdictions that desire to form a Recreational Corridor Channelization District. (C6905121600) (ADM1915-003)

**RESOLUTION  
AGUA FRIA WATERCOURSE MASTER PLAN AND AGUA FRIA WATERCOURSE MASTER PLAN  
ADDENDUM CHANNELIZATION ALTERNATIVE**

**WHEREAS**, Arizona Revised Statutes Title 48, Chapter 21 requires the Board of Directors to identify flood problems and prepare plans such as the Agua Fria Watercourse Master Plan (WCMP) to eliminate or minimize flooding problems by implementing flood hazard mitigation programs within Maricopa County; and

**WHEREAS**, the Chief Engineer and General Manager of the Flood Control District of Maricopa County (District) was authorized by Resolution FCD 99-03 on June 16, 1999, to negotiate and award technical service contracts for planning studies, negotiate rights-of-entry, and initiate the Agua Fria WCMP; and

**WHEREAS**, the District contracted with Kimley-Horn and Associates under contract FCD 99-24 to prepare the Agua Fria Watercourse Master Plan (Agua Fria WCMP), and the Final Recommended Plan Report (Final Report) was issued November 2001; and

**WHEREAS**, the Agua Fria WCMP considered structural improvements for channelization and levee protection but the Final Report did not include this alternative due to the cost and lack of apparent cost-share partners; and

**WHEREAS**, prior to consideration of the Final Report for adoption by the Board of Directors, property owners and other interested parties approached the District for reconsideration of a channelization option upstream of Indian School Road; and

**WHEREAS**, the Chief Engineer and General Manager of District was authorized by Resolution FCD 2003R001 on March 19, 2003, to negotiate and award technical service contracts for planning studies, negotiate rights-of-entry, and initiate the Agua Fria Water Course Master Plan Addendum Channelization Alternative (Channelization Alternative); and

**WHEREAS**, the District contracted with EDAW, Inc., under FCD contract 2003C051;

**MARICOPA COUNTY FLOOD CONTROL DISTRICT BOARD OF DIRECTORS MINUTE BOOK**

**FORMAL SESSION  
July 6, 2005**

David Evans and Associates, Inc., under FCD contract 2003C014 and FCD contract 2004C26; and JE Fuller/Hydrology and Geomorphology, Inc., under FCD contract 2002C009 and FCD contract 2004C025 to analyze and develop the Channelization Alternative; and

**WHEREAS**, the final reports under those contracts were issued in January 2005 and provide a low-flow channel with armored banks to contain the 10-year flood, a raised terrace and high-flow channel to accommodate the 100-year flood and the Standard Project Flood (SPF) from the New Waddell Dam, and drop structures and grade control structures at specific locations; and

**WHEREAS**, the raised terrace and high-flow channel is compatible with proposed recreational facilities such as parks and trail systems for the Maricopa County Parks and Recreation Department and the several adjacent cities; and

**WHEREAS**, several sand and gravel mining companies have approached the District desiring to incorporate portions of the Channelization Alternative on their respective sites as part of their mine reclamation plans as required under the terms of their Floodplain Use Permits for activities within the 100-year floodplain; and

**WHEREAS**, others have expressed support for implementing the Channelization Alternative through the establishment of a Recreational Corridor Channelization District as authorized under Arizona Revised Statutes Title 48, Chapter 35; and

**WHEREAS**, the District and the City of Peoria, City of Glendale, Town of Youngtown, Town of El Mirage, City of Surprise, City of Phoenix, and City of Avondale conducted the Agua Fria WCMP study to identify and address flood and erosion hazards in the Agua Fria WCMP study area, and the study included public participation; field surveying and mapping; hydrologic, hydraulic, sedimentation, floodplain delineations, geomorphic evaluations, environmental, visual, and recreational analyses; transportation analysis; evaluated several mitigation alternatives; and a recommended alternative including implementation and maintenance plan requirements; and

**WHEREAS**, the Agua Fria WCMP study identified flood control and erosion hazard impacts of varying intensities in the study area by comparing benefits and opportunities of a full structural, partial structural, low impact structural, and non-structural approach to flood and erosion hazard mitigation; and

**WHEREAS**, the Agua Fria WCMP identified potential flood control alternatives for watercourse management and stormwater storage alternatives and evaluated how each alternative met the goals of the Agua Fria WCMP study; and

**WHEREAS**, the recommended plan for the watercourse-based flood control management for the Agua Fria WCMP study area within unincorporated Maricopa County is the Non-Structural Alternative which defines a corridor (non-encroachment area) that allows the watercourse to function naturally and is defined by: (i) the 100-year floodplain; and (ii) the erosion hazard zone, if applicable, in local jurisdictions that adopt the Agua Fria WCMP, and erosion hazard zones within the delineated 100-year floodplain in unincorporated Maricopa County.

**NOW, THEREFORE, BE IT RESOLVED** that the Board of Directors of the Flood Control District of Maricopa County adopts the recommendations of the Agua Fria WCMP of the Non-Structural Alternative for watercourse-based flood control management which defines a corridor (non-encroachment area) that

**MARICOPA COUNTY FLOOD CONTROL DISTRICT BOARD OF DIRECTORS MINUTE BOOK**

**FORMAL SESSION**  
**July 6, 2005**

allows the watercourse to function naturally and is defined by: (i) the 100-year floodplain; and (ii) the erosion hazard zone, if applicable in local jurisdictions that adopt the Agua Fria WCMP, and erosion hazard zones within the delineated 100-year floodplain in unincorporated Maricopa County;

**BE IT FURTHER RESOLVED** that the Board of Directors of the Flood Control District of Maricopa County adopts the recommendations of the of the Channelization Alternative as an alternative watercourse-based flood management plan which defines the general alignment and configuration of the low flow channel with armored banks to contain the 10-year flood and a raised terrace and high-flow channel to accommodate the 100-year flood and the Standard Project Flood (SPF) from the New Waddell Dam, and drop structures and grade control structures as necessary to accomplish the goals of the Agua Fria WCMP.

**BE IT FURTHER RESOLVED** that the Chief Engineer and General Manager of the District is authorized and directed to: (i) continue to coordinate with property owners and mining interests to implement the Channelization Alternative within discrete, contiguous, and continuous reaches of the Agua Fria River; (ii) and to negotiate and enter into cooperative agreements, subject to the approval of the Board of Directors, for the implementation of portions of the Channelization Alternative; and (iii) to provide administrative assistance and support to jurisdictions that desire to form a Recreational Corridor Channelization District; and=

**BE IT FURTHER RESOLVED** that, if the Chief Engineer of the District, after receiving and reviewing sufficient engineering and design information to support an adjustment to the Channelization Alternative that still meets the basic intent and function of the Channelization Alternative, approves a specific proposal for implementation of the Channelization Alternative within a discrete, contiguous, and continuous reach of the Agua Fria River, then the Watercourse Master Plan shall be deemed to have been adjusted for that discrete, contiguous, and continuous reach of the River. The Board of Directors of the Flood Control District may from time to time amend the Watercourse Master Plan to include such adjustments.

**Dated** this 6th day of July, 2005.

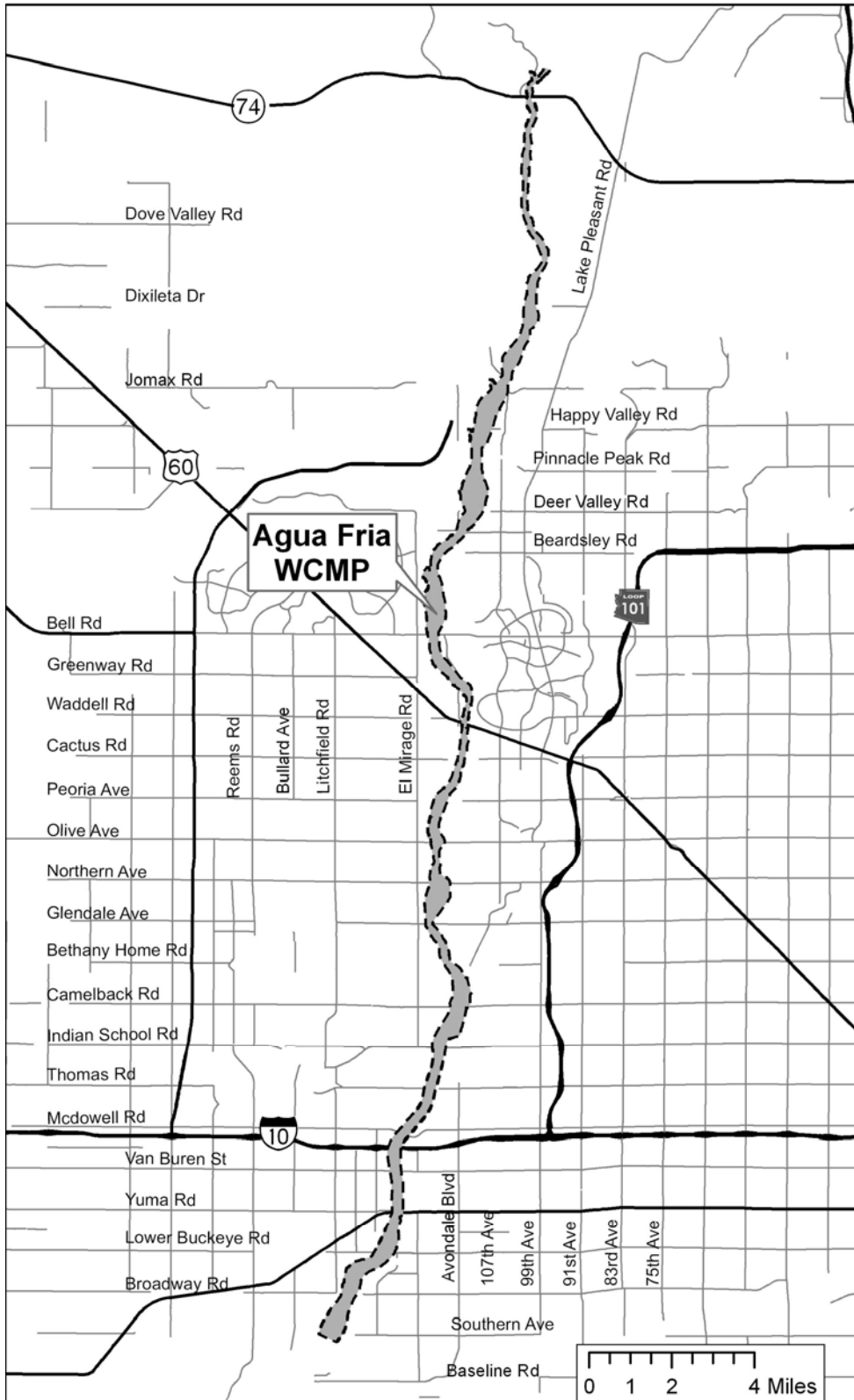
/s/ Max W. Wilson, Chairman of the Board

ATTEST:

/s/ Fran McCarroll, Clerk of the Board

Enclosure: Exhibit A

Exhibit A



**MARICOPA COUNTY FLOOD CONTROL DISTRICT BOARD OF DIRECTORS MINUTE BOOK**

**FORMAL SESSION**  
**July 6, 2005**

**IGA WITH ADWR FOR INTERFEROMETRIC SYNTHETIC APERTURE RADAR PRODUCTS**

Motion was made by Director Brock, seconded by Director Wilcox, and unanimously carried (4-0-1) to approve an Intergovernmental Agreement (IGA) FCD 2005A005, between the Flood Control District and the Arizona Department of Water Resources to provide funds for the Interferometric Synthetic Aperture Radar Products for the development of products for the detection of differential subsidence at areas currently being studied and monitored by the district. (C6905126200)

**BUDGET ADJUSTMENT TO CIP FOR PUBLIC WORKS INTERNSHIP PROGRAM**

Motion was made by Director Brock, seconded by Director Wilcox, and unanimously carried (4-0-1) to approve a revenue budget adjustment to the Flood Control District's Capital Projects Fund (Department 690, Fund 990) by reducing transfers-in by \$100,000. Approve a corresponding increase to the revenue and expenditure budget in the department's Eliminations Fund (900). The net effect to the department's total budget is an increase of \$100,000. The adjustment is required in order to fund the district's participation in the Public Works Internship Program for FY 2005-06. The net effect to the department's total budget is an increase of \$100,000. (C6905135800) (ADM1900-003)

**MEETING ADJOURNED**

There being no further business to come before the Board, the meeting was adjourned.

\_\_\_\_\_  
Don Stapley, Chairman of the Board

ATTEST:

\_\_\_\_\_  
Fran McCarroll, Clerk of the Board